

Title (en)
System for extracting air from a battery compartment of an industrial vehicle

Title (de)
System zur Extraktion von Luft aus einem Batteriefach eines Nutzfahrzeugs

Title (fr)
Système d'extraction d'air d'un compartiment de batterie d'un véhicule industriel

Publication
EP 2605307 A1 20130619 (EN)

Application
EP 11192989 A 20111212

Priority
EP 11192989 A 20111212

Abstract (en)
System for extracting air from a battery compartment (102) of an industrial vehicle, the industrial vehicle comprising a hollow housing (10) of at least one battery, the device comprising a lid (2) suitable to upperly close said housing (10) according to a reciprocally complementary coupling defining a battery compartment (102); the lid (2) comprising: - a first through opening and an electric fan (4) associated to the lid (2) in correspondence of said first through opening - a protection (1) is fixed to cover at least partially the lid (2), in order to screen it at least partially from the sun radiation (R), - a photovoltaic generator (3) fixed on the protection (1) or defining the protection (1) and electrically connected to the electric fan (4) to feed it.

IPC 8 full level
H01M 10/625 (2014.01); **B60L 11/18** (2006.01); **H01M 10/613** (2014.01); **H01M 10/63** (2014.01); **H01M 10/6563** (2014.01); **H01M 50/204** (2021.01); **H01M 50/271** (2021.01)

CPC (source: EP US)
B60L 3/0046 (2013.01 - EP); **B60L 50/64** (2019.01 - EP US); **B60L 58/26** (2019.01 - EP); **H01M 10/613** (2015.04 - EP); **H01M 10/625** (2015.04 - EP); **H01M 10/63** (2015.04 - EP); **H01M 10/6563** (2015.04 - EP); **H01M 50/204** (2021.01 - EP US); **H01M 50/271** (2021.01 - EP US); **B60L 2240/545** (2013.01 - EP); **Y02E 60/10** (2013.01 - EP); **Y02T 10/70** (2013.01 - EP)

Citation (search report)
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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